

**DEPARTMENT OF ENERGY
HOISTING & RIGGING TECHNICAL ADVISORY
COMMITTEE**

MEETING MINUTES

**Albuquerque, NM
June 17, 2004**

The Chairperson, Pat Finn, Department of Energy (DOE-HQ, EH-22) called the meeting of the DOE Hoisting and Rigging Technical Advisory committee (HRTAC) to order. Mr. Finn welcomed attendees and introductions were made. A brief review of recent events was conducted. Among the items discussed were the publication of the 2004 revision to the DOE Hoisting and Rigging Standard (DOE-STD-1090), the progress of OSHA's negotiated rulemaking effort for cranes and derricks in construction, and the ongoing efforts of the National Commission for the Certification of Crane Operators (NCCCO) to add tower crane and overhead crane operator certification to their program.

Following the introductory remarks, the following formal presentations were made:

1. In cooperation with committee representatives from various sites, Mr. Finn led a review of the responses received by EH to its February 9, 2004 memorandum entitled "*Hoisting and Rigging Operating Experience and Lessons Learned.*" Responses from Richland, Ohio, Rocky Flats, Savannah River, and Lawrence Livermore National Laboratory were discussed.
2. Mr. Craig Hauber, (Sandia National Laboratory) made a presentation on the current status of the state of New Mexico's Crane Operator Certification Program.
3. Mr. Preston Cloud (BWXT, Y-12) made a presentation on a recent accident at Oak Ridge National Laboratory in which the trolley and hoist came off the rail of an overhead crane being dismantled through the use of a larger overhead crane.
4. Mr. Rich Haddock (NNSA, Oakland) showed a video and provided commentary on a two crane lift conducted at Lawrence Berkeley Laboratory.
5. Mr. Beryl Cruz (Los Alamos National Laboratory) made a presentation on an incident at the Lab in which a mobile crane contacted an overhead powerline while being transported between worksites.
6. Mr. Mike Berry (Savannah River Site) made a presentation concerning a similar event involving a mobile crane contacting an overhead powerline at the Savannah River Site.
7. Mr. Berry presented his concerns regarding the inappropriate use of digger derricks for hoisting operations. After his presentation, a motion was proposed and passed to include the following addition to the introduction section of Chapter

- 9, *Mobile Cranes*, of the DOE Hoisting and Rigging Standard, DOE-STD-1090. The additional text will read “*Lifting performed with equipment not covered by this standard shall be done in accordance with the manufacturer’s intended use of the equipment and written recommendations.*” The Committee further requested that Mr. Finn contact the EH Office of Corporate Performance Assessment concerning the publication of an *Operating Experience Summary* article addressing the use of improper equipment for lifting operations.
8. Mr. David Kupferer (Defense Nuclear Facilities Safety Board) provided an overview of DNFSB findings from their recent reviews of hoisting and rigging operations at Savannah River, Pantex, and Nevada.
 9. With the assistance of Mr. Kupferer, Mr. Finn reviewed DNFSB comments received during the review and comment process for proposed changes to the DOE Hoisting and Rigging Standard, DOE-STD-1090. These comments, based largely upon the DNFSB onsite evaluations noted above, were discussed in considerable detail as were the actions taken by EH to resolve these comments.
 10. Mr. Dana Morgan (Hanford) distributed Compact Discs to committee members containing forms developed at the Hanford Site for on-the-job evaluations of fork truck, aerial lift, mobile crane, and overhead crane operators.
 11. Mr. Lynn Holt (INEEL) proposed a change to Section 12.4.1 to replace the word “eyebolts” with “engineered lifting points and rigging accessories” in those specific instances where the Standard provides exceptions for eyebolts permanently installed on engineered equipment. At issue are circumstances where the exception provided to permanently installed eyebolts is not being extended to other lifting hardware permanently affixed to a load by a manufacturer. There was considerable discussion and general agreement with this proposal. However, there was not enough time remaining to develop specific language and vote upon it. Accordingly, Messrs. Finn and Holt will jointly prepare a letter ballot addressing this issue and distribute it to the Committee.
 12. Tentative details concerning the next meeting were discussed. Consideration will be given to holding the meeting (again in conjunction with the DOE Construction Safety Advisory Committee) in May 2005 in Las Vegas. Tentatively, a half-day seminar on rigging equipment and issues will be conducted by Lift-It, Inc. for interested members of both committees.
 13. After a brief period of open discussion, the meeting was adjourned.